

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

- 1-6. (Canceled)
7. (Previously presented) A pair of DNA molecules comprising: a first DNA molecule and a second DNA molecule selected from an insertion junction sequence comprising a maize genomic flanking DNA sequence and an insert DNA sequence, wherein the DNA molecules are at least 11 nucleotides in length, and wherein the first DNA molecule is selected from the maize genomic flanking DNA sequence consisting of contiguous nucleotides 1-304 of SEQ ID NO:7 or its complement and the second DNA molecule is selected from the insert DNA sequence consisting of contiguous nucleotides 305-498 of SEQ ID NO: 7 or its complement to function as DNA primers or probes diagnostic for DNA extracted from corn plant PV-ZMGT32(nk603) or progeny thereof.
- 8-12. (Canceled)
13. (Currently amended) An artificial DNA molecule comprising a nucleotide sequence selected from the group of ~~sequences~~ consisting of SEQ ID NO:9, SEQ ID NO:10, ~~SEQ ID NO:11~~, and SEQ ID NO:12, and complements thereof.
- 14-15. (Canceled)
16. (Currently amended) A DNA detection kit for corn event PV-ZMGT32(nk603) and its progeny comprising: at least one DNA molecule of sufficient length of contiguous nucleotides, said DNA molecule being homologous or complementary to nucleotides 1-324 of SEQ ID NO:7 or nucleotides 141-1183 of SEQ ID NO:8 ~~that functions as a DNA primer or probe specific for corn event PV-ZMGT32(nk603) and its progeny.~~
17. (Previously presented) The pair of DNA molecules in claim 7, wherein the DNA molecules are at least 18 nucleotides in length.
18. (Previously presented) The pair of DNA molecules in claim 17, wherein the DNA molecules are at least 24 nucleotides in length.
19. (Previously presented) The pair of DNA molecules in claim 18, wherein the DNA molecules are at least 30 nucleotides in length.